

# Adrian Leal

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## EDUCATION

### Bachelor of Science, Computer Science

College of Science and Engineering, University of Minnesota – Twin Cities  
GPA: 3.33

Expected May 2021  
Minneapolis, MN

### Bachelor of Science, International Business & Business Management

University of Wisconsin – Superior  
GPA: 3.8

May 2019  
Superior, WI

## PROJECTS AND COURSEWORK

### Realtor Site - Independent Project (August 2020)

- Built a personal site for a real estate agent using the Django framework
- The realtor can add listings, relevant news, and get contacted by users
- The site is hosted on Heroku with a Postgres database and the media files are stored using AWS' S3 buckets.

### React Site - Personal Project (July 2020)

- Created a fictional site for a luxury apartment group using the React framework
- The goal of the project was to gain experience with the framework, HTML, and CSS

### Solar Tracker - Embedded Systems Design (Spring 2019)

- Programmed a microcontroller using C that follows the more intense source of light
- Four sensors compare voltage readings and determine if a movement is needed
- The microcontroller was mounted on a board along with a dual motor with the sensors

## SKILLS

**Languages:** Python, Java, C/C++/C#, JavaScript, Swift

**Software and Frameworks:** React, Django, TensorFlow, Keras, Unity

**Development Environments:** Linux, Windows, MacOS

**Foreign Language:** Fluent in Spanish

## RELEVANT EXPERIENCE

### Mu2e Student Researcher, UM – Twin Cities

July 2020 – Present

- Work on the development of the GUI for data collection and production tracking
- Improve and troubleshoot software issues and create implementations to write data to a SQL database
- Help in the production process of the 250 panels the UofM is manufacturing for the Mu2e experiment

### Student Tech Support Services, UM – Twin Cities

September 2019 – July 2020

- Performed daily tasks independently to ensure an inclusive, structured learning environment
- Applied troubleshooting techniques to software and hardware issues and improved labs over time

## OTHER EXPERIENCE

### Student Lab Assistant, UW – Superior

January 2018 – July 2019

- Monitored usage of computer labs, installed and removed equipment

### Duluth YMCA – Development Specialist Intern, Duluth, MN

May 2017 – August 2017

- Provided customer service to donors via email, letter, or phone calls and planned the YMCA annual event

### Summer Undergraduate Fellowship Research

May 2017 – August 2017

- Conducted a research project about sustainable business practices that would benefit the economy of the area
- Presented at the National Conference of Undergraduate Research at the UCO, Oklahoma

## ACTIVITIES

**Captain,** UW – Superior Men's Soccer Team

**Member,** FSAE Gopher Motorsports

**Member,** Self-Driving Car Club